
**2.0 Regulation
Governing
Individual Onsite
Wastewater
Disposal**

Design Standard XIII
Non-waterborne Wastewater Systems

Mississippi State Department of Health
Post Office Box 1700
Jackson, Mississippi 39215-1700
February 1997
Form No. 309 **Standard XIII**

Mississippi State Department of Health
Design Standard XIII
Non-Waterborne Wastewater Systems

Table of Contents

I.	General	MSDH 300-Section 02A-XIII-01
II.	Location	01
III.	Construction	01
IV.	Registration	02
	Figure 1 Pit Privies	03
	Figure 2 Pit Privies	04

Design Standard XIII

Non-Waterborne Wastewater Systems

I. General

In remote areas of the State or certain transient or temporary locations, the use of non-waterborne systems such as sanitary pit privies, portable toilets, incinerating toilets, composting toilets, and related sewage disposal systems may be approved. Due to their limited capacities, these systems are restricted to receive excreta only. Since such systems require regular service and maintenance to prevent their malfunction and overflow, they shall only be used where the local health department approves such use. Typical locations of non-waterborne systems are rural camps, seasonal recreation areas, construction sites, public gatherings, and similar transient or temporary locations.

II. Location

1. Portable toilets may be approved by county health departments for temporary or transient locations where numbers of people congregate for periods of short duration for a specified length of time. A contract for maintenance shall be provided in writing to the county health department prior to approval.
2. Sanitary pit privy installation shall be permitted only in remote locations, but in no case shall such installation be permitted for buildings with indoor plumbing and where water under pressure is located in the structure. Construction of the pit privy will be in compliance with **FIGURE 1&2.**

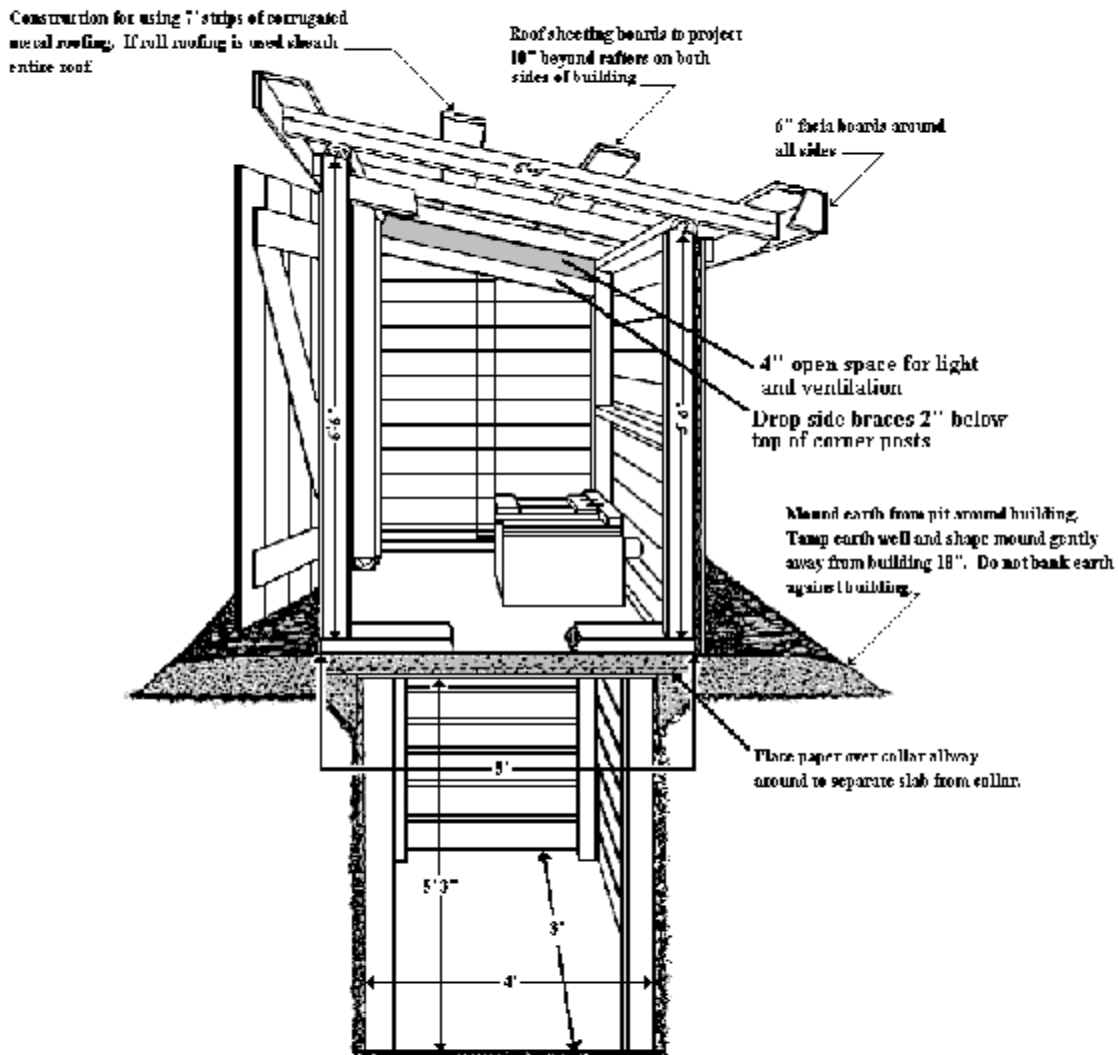
III. Construction

1. There shall be maintained a minimum of two feet separation between the bottom of the privy vault and indicators of seasonal water (gray mottles).
2. The privy shall be a minimum of 100 feet, downgrade, from any potable water source.
3. The privy shall be located 100 feet from sensitive waters.
4. The privy shall be constructed to prevent surface water from running into the pit.
5. When the pit becomes filled to within sixteen inches of the ground surface, a new pit shall be excavated and the old pit shall be backfilled to the surface.

IV. Registration

Manufacturers of non-waterborne toilets that incorporate mechanical or non-mechanical technology for the collection and/or treatment of human excreta must submit documentation to the Division of Sanitation verifying the performance of their product. Upon approval, these systems will be placed on an approved list of registered systems.

**FIGURE 1
PIT PRIVIES**



Sanitary Pit Privies shall be used only when there is no availability of any type of water-carried sewage disposal.

A complete set of detailed plans can be obtained from your local county health department.

**FIGURE 2
PIT PRIVIES**

